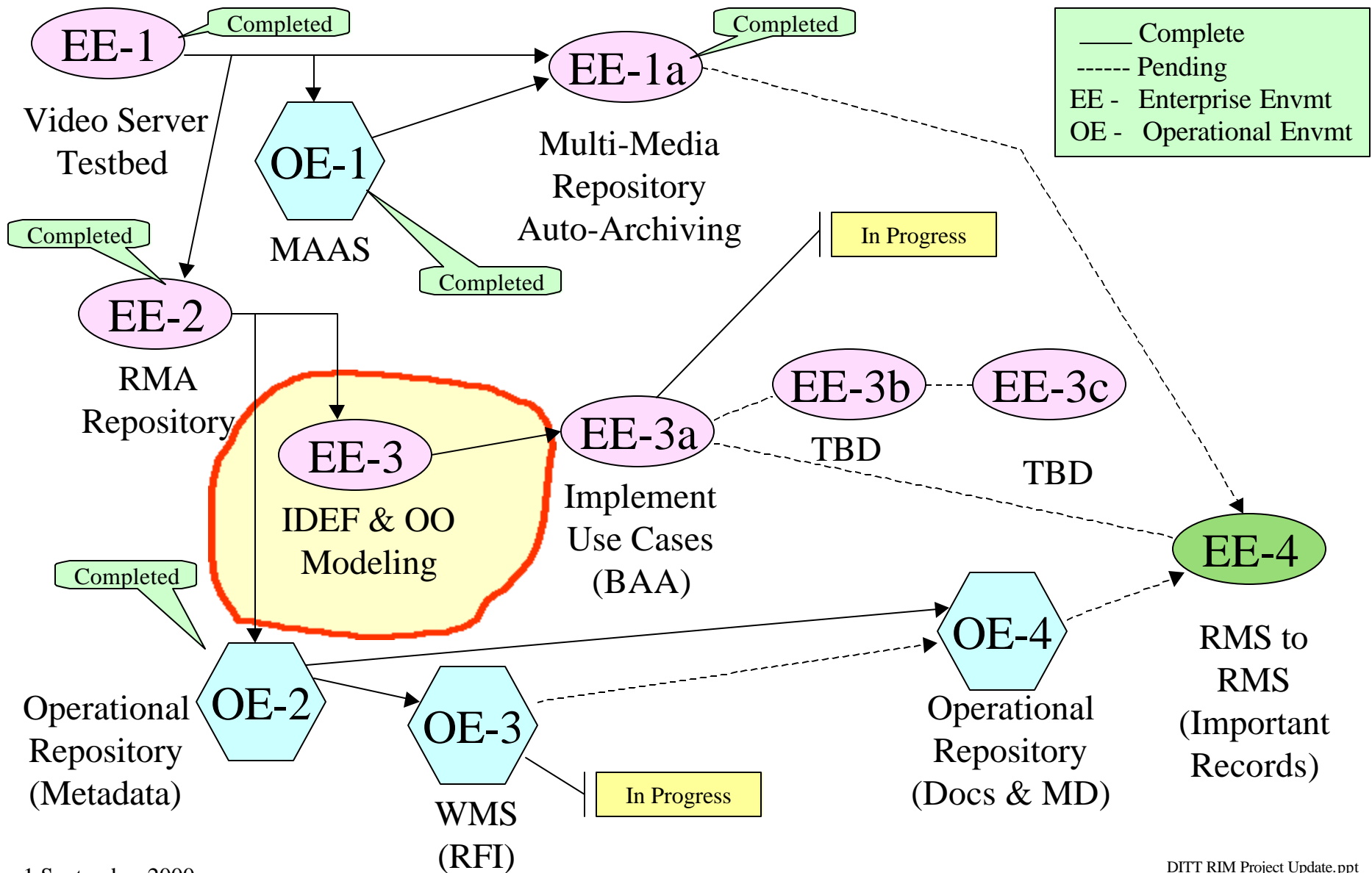




# EE-3 IDEF & OO Modeling Prototype Functional System Designing DITT CALL

Sampling of Actual Models -- IDEF to Object Oriented

# DITT IDEF & OO Modeling, EE-3



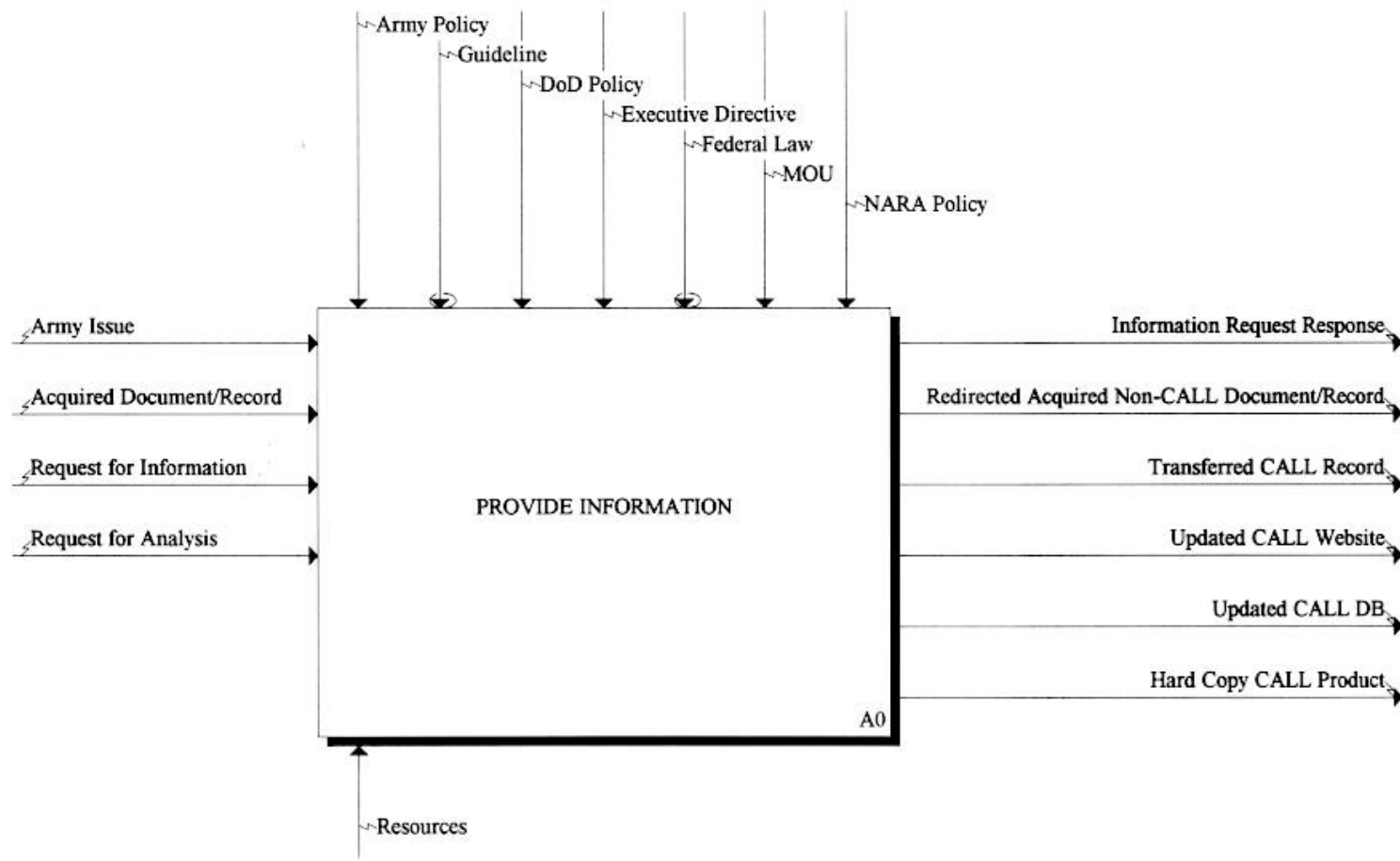
## DITT RIM Projects - Modeling, EE-3

- IDEF and Object Oriented Modeling, EE-3 Project
  - study and analysis project -- ongoing
  - findings from previous DITT prototypes prompted systematic formalization of the functional requirements for enterprise lifecycle management systems
  - started with IDEF Modeling, then converted to Object Oriented Modeling
  - requirements are identified and documented that should be applicable to all DoD LCMS
  - requirements are identified and documented that apply to the a unique record type or specific mission the DITT prototype will test and/or support

# EE-3 CALL AS-IS IDEF Model

Source: DITT-CALL AS-IS Workshop Report, 11-13 January 2000

## A0 CALL Provide Information

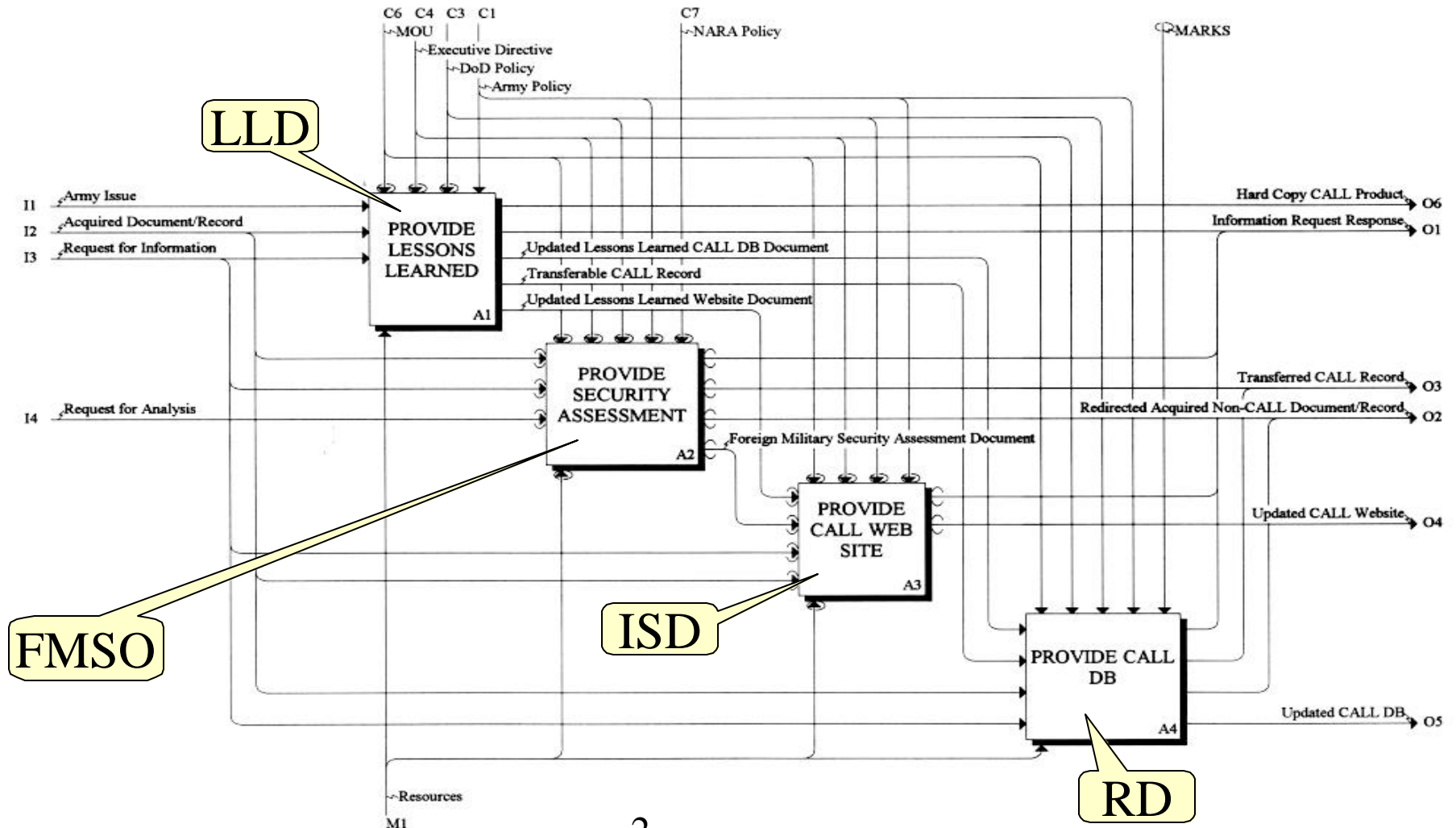


# EE-3 CALL AS-IS IDEF A0

Source: DITT-CALL AS-IS Workshop Report, 11-13 January 2000

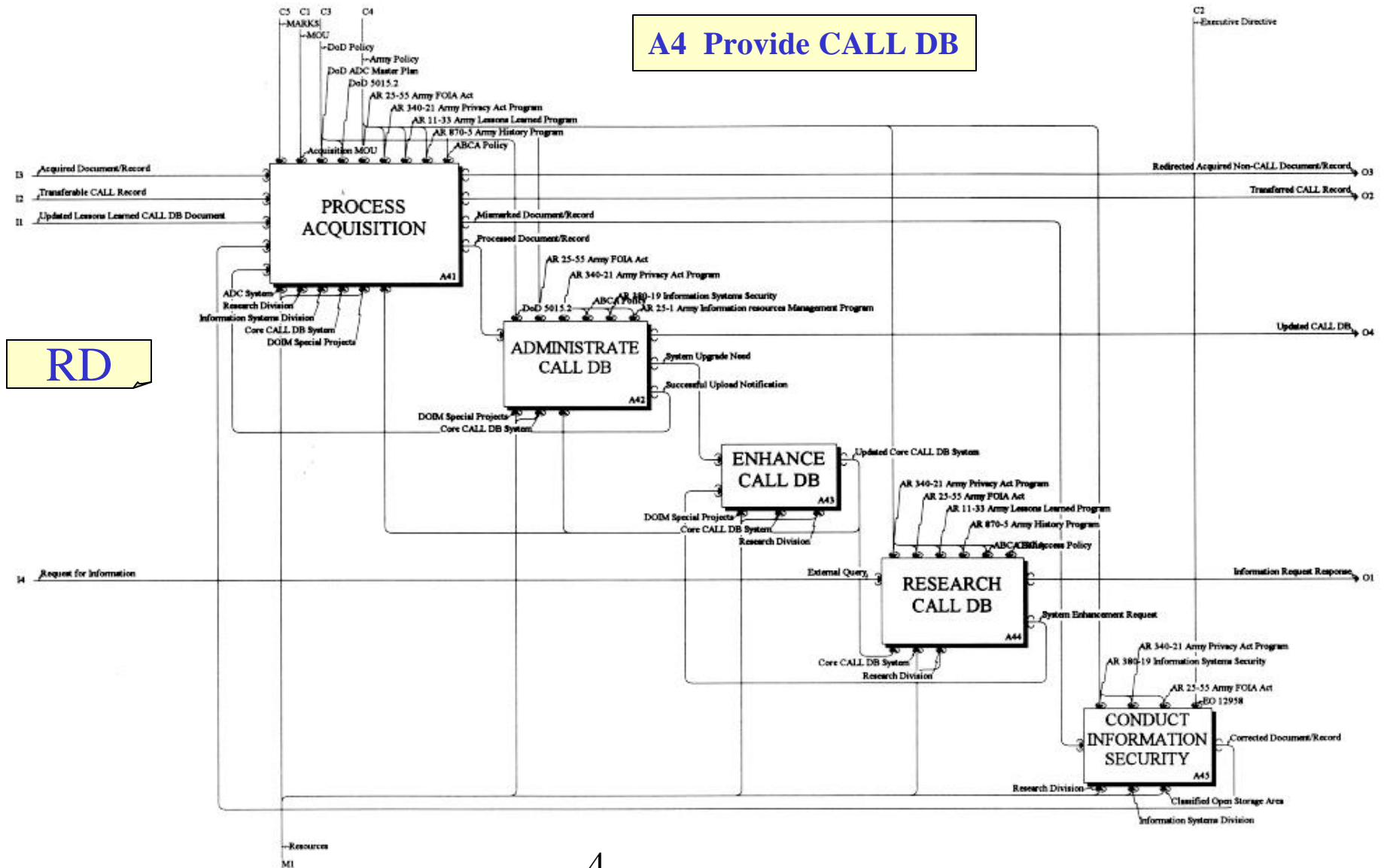
A1, A2, A3, A4 CALL Division Levels

Decomposition



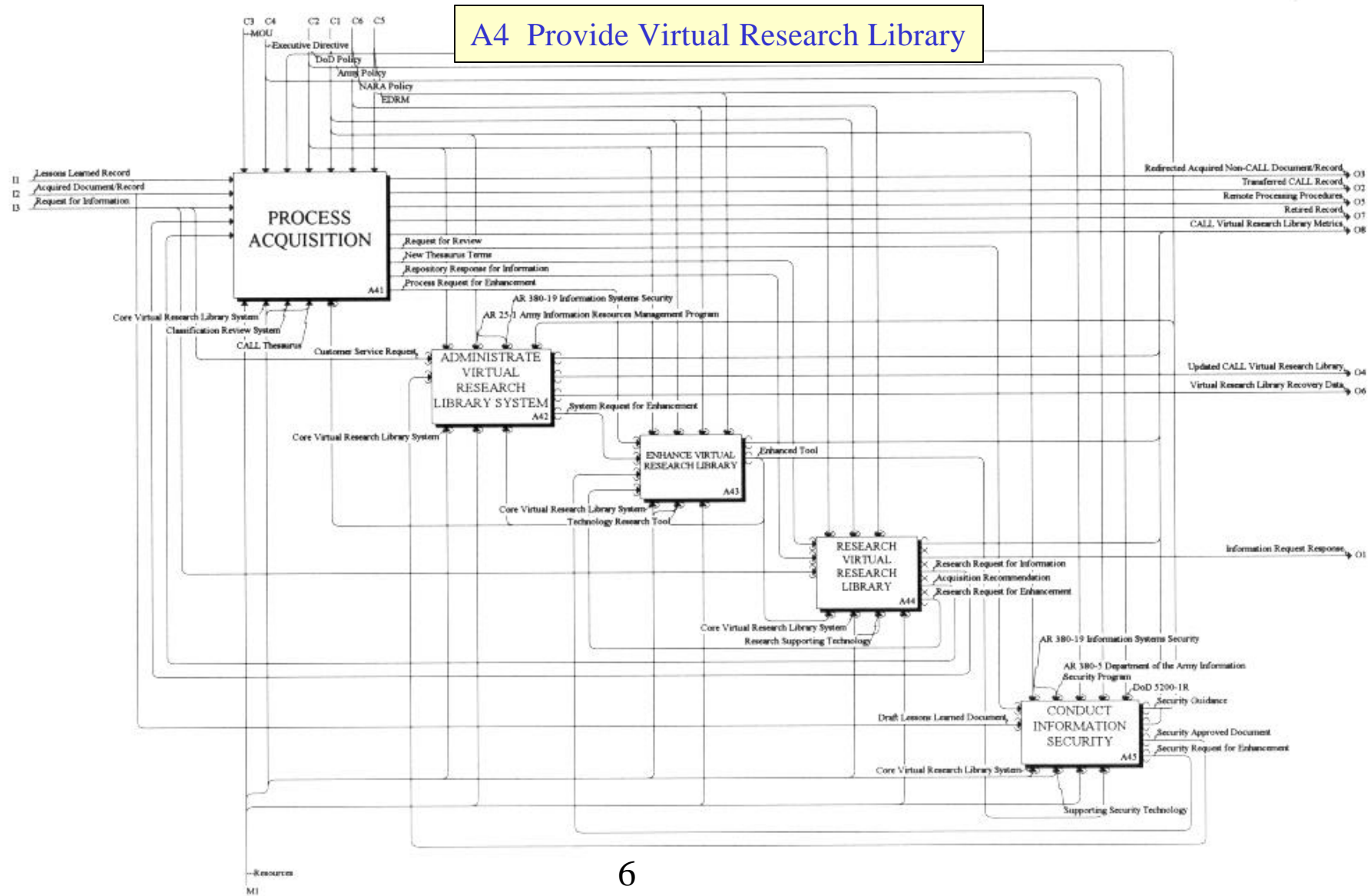
# EE-3 CALL AS-IS IDEF A4

Source: DITT-CALL AS-IS Workshop Report, 11-13 January 2000



# EE-3 CALL TO-BE IDEF A4

Source: DITT-CALL TO-BE Workshop Report, 8-11 February 2000



## EE-3 -- From **TO-BE** IDEF Model To *TO-BE* Object Oriented Model

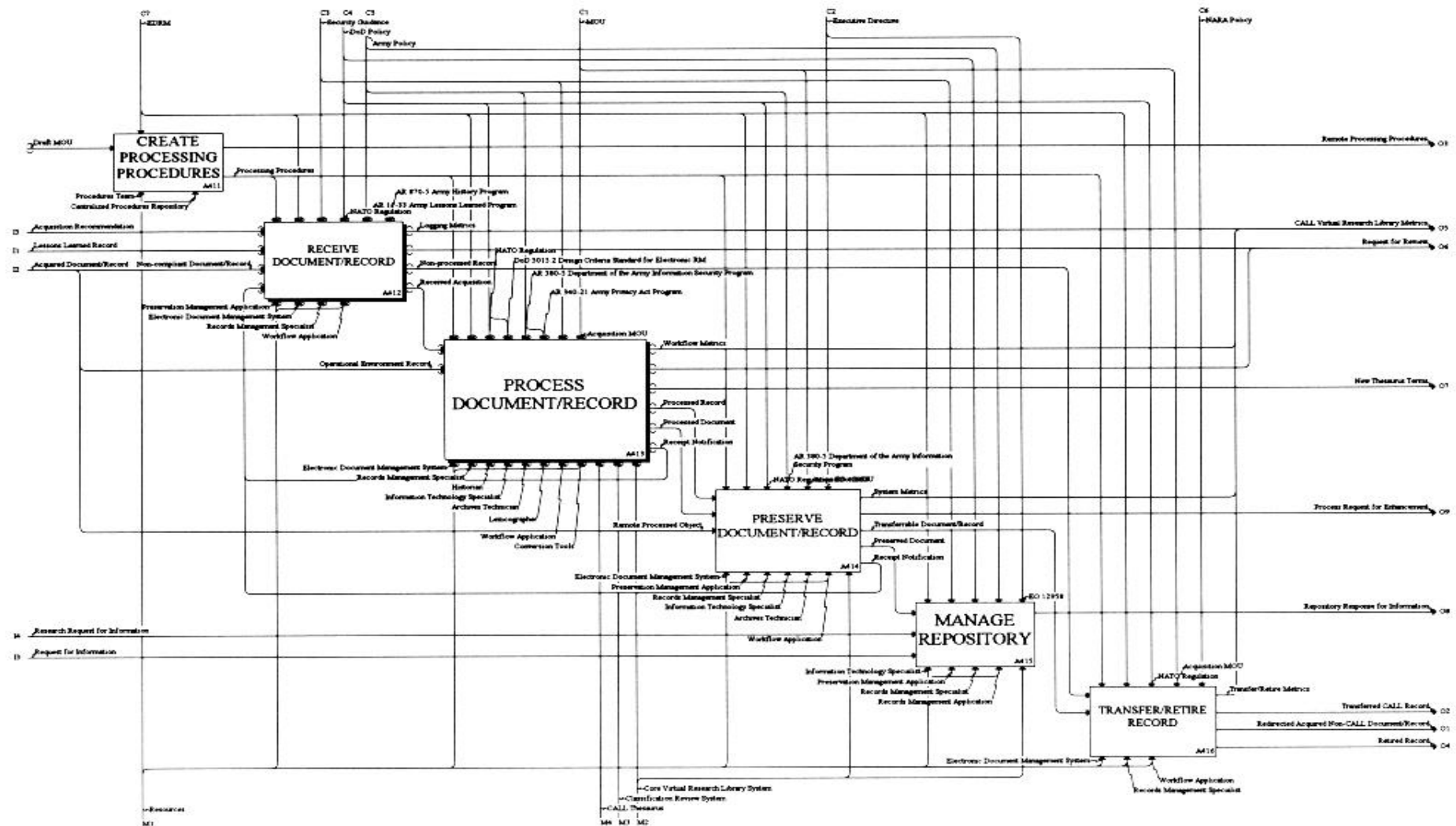
- Team agreed to model the TO-BE processes to the level necessary to migrate from IDEF models to Object Oriented models.
- Continuing to concentrate on the IDEF TO-BE *Process Acquisition*, this IDEF Model was migrated to Object Oriented Modeling.
- 16 Use Cases and associated object diagrams were developed for *Process Acquisition* (A41).



# EE-3 TO-BE IDEF A41

Source: DITT-CALL TO-BE Workshop Report, 8-11 February 2000

## A41 Process Acquisition



# EE-3 DITT-CALL Use Cases

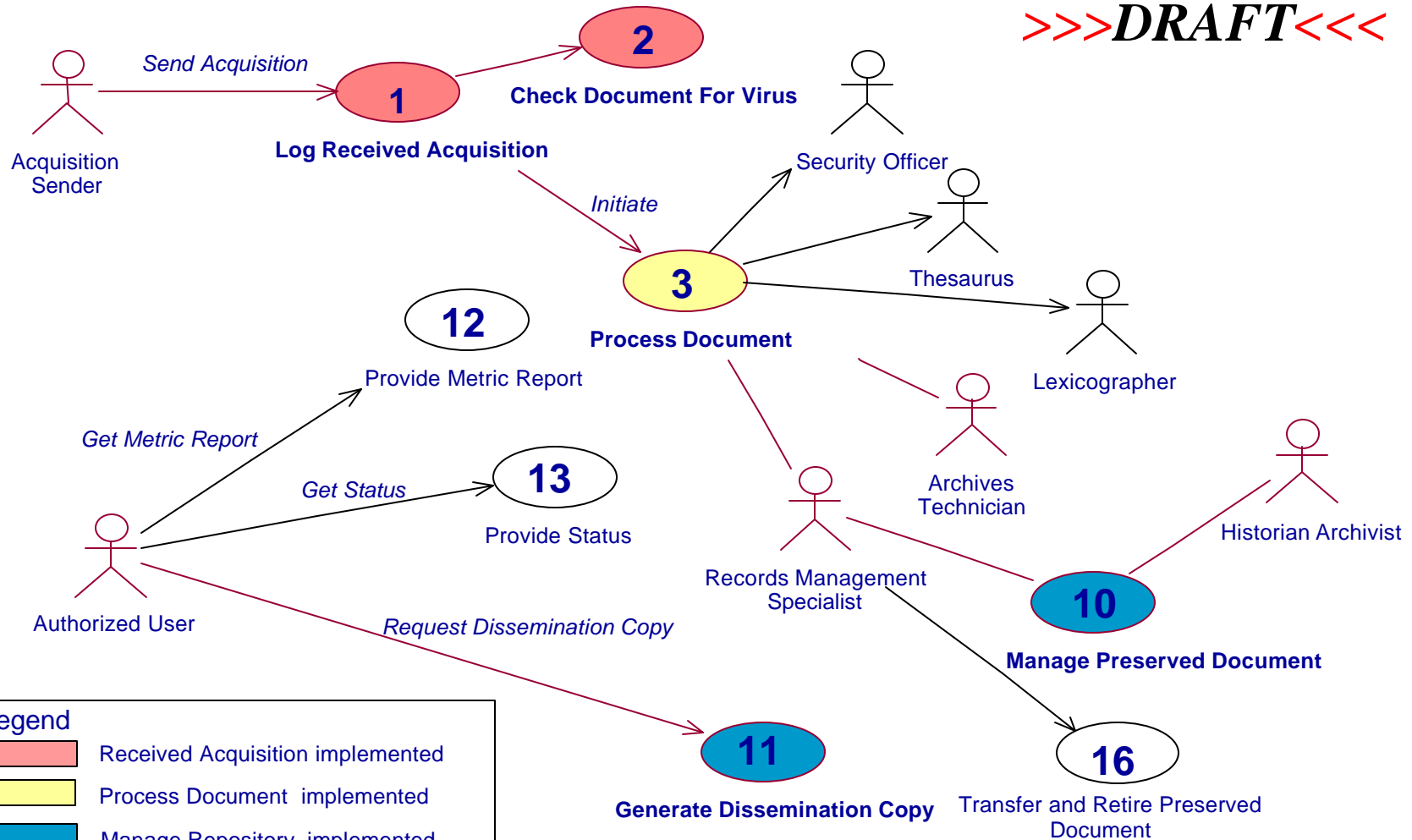
## *Process Acquisition Activity*

1. Log Received Acquisition
2. Check Document for Viruses
3. Process Document
4. Build Search Index
5. Verify and Correct Security Classification Attribute
6. Locate Privacy Act Information
7. Identify Prospective CALL Thesaurus Terms
8. Set Attributes
9. Set Aside the Preserved Document
10. Manage Preserved Record
11. Generate Dissemination Copy
12. Provide Metric
13. Provide Status
14. Perform Activity-level Backup
15. Search Processed Document
16. Transfer or Retire a Preserved Document

Source: Functional and System Use Cases for Records Management  
Application Environment, dated 7 May 2000

# EE-3 DITT-CALL Object Oriented Model Process Acquisition Activity and Use Case

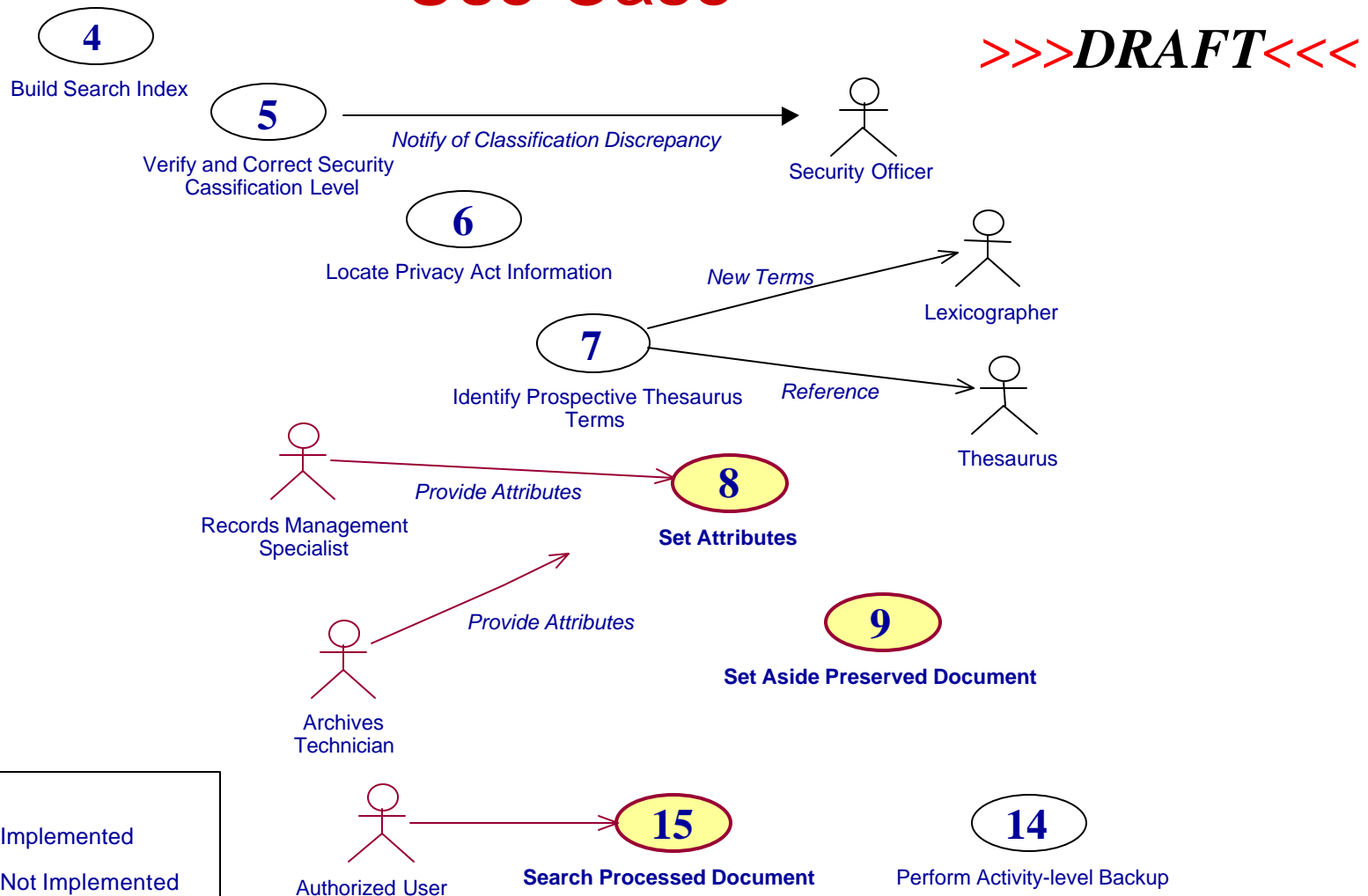
>>>**DRAFT**<<<



## Legend

- Received Acquisition implemented
- Process Document implemented
- Manage Repository implemented
- Not Implemented

# EE-3 DITT-CALL Object Oriented Model, Process Acquisition Activity, Process Document Use Case



# EE-3 Proposed Use Case Implementation

## Process Acquisition Activity,

### System Description

>>>**DRAFT**<<<

